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SHE-12

APR 9 1987

Stephen M. Molt
Senior Environmental Engineer
Environmental Control Department
NL Industries, Inc.
P.O. Box 1090
Hightstown, New Jersey 08520

Dear Mr. Molt:

I have reviewed the ground water data attached to your March 13, 1978 bi-monthly progress report and have discussed it with Ken Miller, Illinois EPA Project Manager. The following parameters have been determined by U.S. EPA and Illinois EPA to have been present in significant concentrations in the first quarter ground water analyses:

copper	zinc
iron	sulfate
manganese	total dissolved solids
nickel	

The federal standards used to evaluate significance are the secondary maximum contaminant levels established by the Safe Drinking Water Act. The State of Illinois standards used in the evaluation will be provided by Ken Miller under separate letter.

As provided in Table 2 of the RI/FS Work Plan, the parameters observed in significant concentrations in the first quarter ground water analyses must be jointly agreed upon by U.S. EPA, Illinois EPA, and NL Industries. Therefore, the above-listed parameters must be discussed among the parties before a final decision is reached.

Additionally, U.S. EPA hereby grants approval to NL Industries to perform the waste pile stratification investigation outlined in the attachment to your March 13, 1987 progress report. The investigation will provide useful information on the composition of the waste pile, and the plan for control of fugitive emissions, if properly implemented, should be effective in reducing construction-generated fugitive emissions to acceptable levels.

If you have any questions concerning this letter, please contact me at (312) 886-4742.

Sincerely yours,

Brad Bradley, Remedial Project Manager
Region V CERCLA Enforcement Section

cc: Ken Miller
Illinois EPA

bcc: R. Diefenbach
R. Grimes, 5c-16

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